

ABSTRACT

The invention concerns a method for producing a
5 biomimetic membrane, a biomimetic membrane and the
applications of said membrane.

Said biomimetic membrane (10) has one or several
through pores (24) and is characterised in that it is
formed of at least two different micro-machinable
10 materials one of which forms the wall (23) of said
pore(s), whereas the other or others of said materials
form(s) the remainder of said membrane.

Applications: performing studies on the dynamic
and functional properties of biological membranes;
15 manufacture of biocatalysis microsystems and detection
or dosing of substances.